

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-003491**Date Inspected:** 07-Aug-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1400**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai China

CWI Name:	N/A	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006	Component:	OBG				

Summary of Items Observed:

UT

This Quality Assurance (QA) inspector arrived at ZPMC in Shanghai China for observation of Orthotropic Bridge Girders (OBG) and Self Anchored Suspension (SAS) Bridge. This QA inspector received notification from day shift task leader of Ultrasonic Inspection for tack welds on deck panels. The inspection is preliminary prior to using the phased array system to verify cracked tack welds. This QA inspector performed UT on deck panel DP 026-001 weld 4 scanned 6 locations with 0 indications, weld 5 scanned 7 locations with 0 indications. DP027-001 weld 8 scanned 5 locations with 0 indications and weld 9 scanned 5 locations with 1 indication, weld 7 scanned 8 locations with 2 indications, weld 6 scanned 8 locations with 2 indications, weld 5 scanned 8 locations with 1 indication and weld 4 scanned 8 locations with 0 indications. Total tack welds inspected were 55 with 6 tack welds marked with indications for further review with the phase array system. This QA inspector was informed by the task leader that no TL-6027 was required at this time. DP 068-001 tack locations were identified and marked with yellow paint marker up to middle diaphragm plate.

Summary of Conversations:

No conversations today.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ady Velasco , 1-381-694-2685, who represents the Office of Structural Materials for your project.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Inspected By:	Riley, Ken	Quality Assurance Inspector
Reviewed By:	Carreon, Albert	QA Reviewer
